

## ABSTRACT:

Stereo echo cancellation is necessary to overcome the objections observed by for example teleconferencing, voice controlled video/audio apparatuses etc..

To improve the existing filters the invention provides an adaptive filter and a signal processing device which obtain the coefficient updates in the transformed domain, reducing the required  
5 calculation complexity. Further the filter comprises means to reduce the correlation between the input signals on the coefficient updates.

Fig. 1

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